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## TRAINING LOCATIONS

Synergis EduCast Virtual Online

**Quakertown** 18 South 5th Street Quakertown, PA 18951



## **Autodesk Inventor Dynamic Simulation/Stress Analysis**

Course Description: This course teaches the fundamental principles and recommended workflows for analyzing designs and creating dynamic simulations of mechanisms using Autodesk Inventor Professional. It covers how to validate digital prototypes by simulating the operation of mechanisms, and how to analyze parts and assemblies, perform parametric studies, and use modal analysis.

**Prerequisites:** Completion of Autodesk Inventor Essentials training or equivalent Inventor experience

Length: 2 days

Times: 8:30 AM - 4:30 PM

PDH Credit Hours: 13 hours

Request Quote

## **Representative Topics**

- Overview of Dynamic Simulation
- Environmental constraints
- Creating loads and constraints
- Parametric design studies

- Overview of Stress Analysis
- Running simulations and analyzing results
- Sharing Dynamic Simulation results with Stress Analysis
- Assembly level analysis

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.